

Engineering Statement

prepared for
ASF Broadcasting, Inc.
Shellee F. Davis
Ohio Radio Associates

DOCKET FILE COPY ORIGINAL

The coordinates of the site location proposed by David A. Ringer (Ringer) in his application for channel 280A in Westerville, Ohio, are 40° 14' 04" N, 82° 50' 20" W.

The coordinates of the site labeled "600 Town Street" on the attached map, Figure 1, are 39° 57' 38" N, 82° 59' 02" W. The distance from Ringer's proposed transmitter site to this location is 32.8 kilometers at a bearing of 202.2 degrees true.

The coordinates of the site labeled "1000 Urlin Avenue" on the attached map, Figure 2, are 39° 58' 37" N, 83° 03' 04" W. The distance from Ringer's proposed transmitter site to this location is 33.8 kilometers at a bearing of 212.4 degrees true.

The distance to the 60 dBu F(50,50) contour as specified in Ringer's application, for the 200 degree radial is 31.7 kilometers. For the 210 degree radial it is 32.2 kilometers. For the 220 degree radial it is 31.9 kilometers. The distances were also determined, using the methods specified in Section 73.313 of the FCC rules, for the 202.2 and 212.4 radials. The distance along the 202.2 radial is 31.8 kilometers. The distance along the 212.4 radial is 32.4 kilometers.

The coordinates of the points shown in Figures 1 and 2 were determined by using an engineering scale to interpolate between latitude/longitude figures shown on the US Geological Survey topographic maps. These coordinates were then entered into a computer program that determines distance and bearing using the method described in Section 73.208 of the FCC rules.

Federal Communications Commission	
Docket No. <u>93-107</u>	Exhibit No. <u>D-5</u>
Presented by <u>DAVIS</u>	
Disposition	Identified <u>8/31</u>
	Received <u>8/31</u>
	Rejected _____
Reporter <u>BARBARA LOLO</u>	
Date <u>8/31/93</u>	

Qualifications

The undersigned hereby certifies that the forgoing statement was prepared by him or under his direction and that it is true and accurate to the best of his knowledge and belief. He is employed by Suffa and Cavell, Inc., an Engineering Consulting firm regularly engaged in technical matters before the FCC. His responsibilities include preparation of the engineering portion of applications for broadcast and 2-way stations, as well as other engineering statements for submission to the FCC. He is regularly determines coordinates, elevation, distances to contours and other technical parameters of broadcast and 2-way stations. His qualifications are a matter of record with the Federal Communications Commission.

Original signed by

Charles A. Rexroad, Jr.

August 30, 1993

83°00' 40°00' 330000m E 332 57°30'

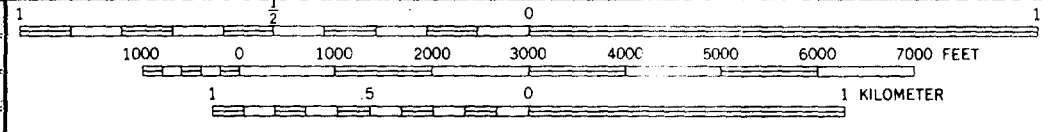
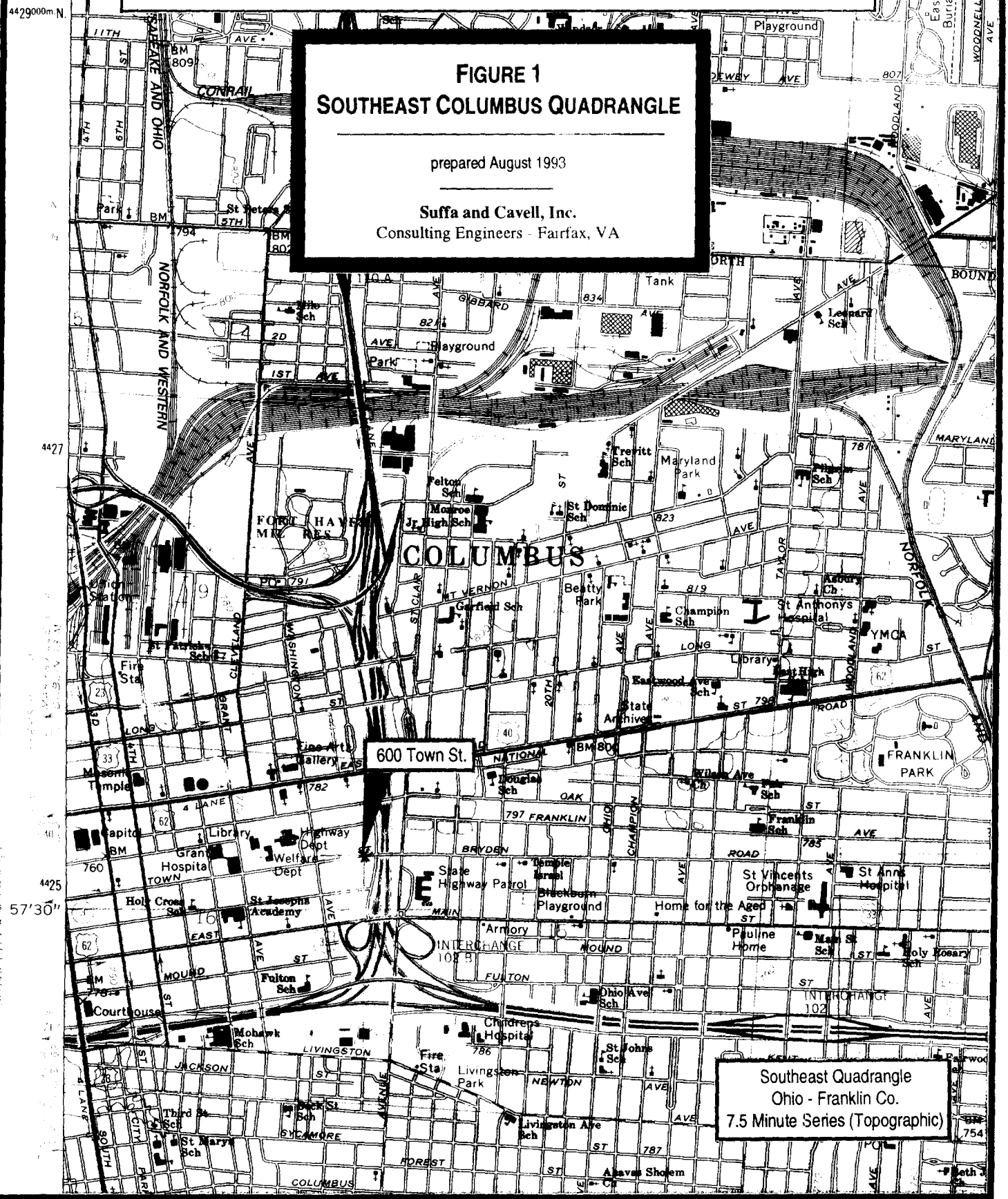


FIGURE 1 SOUTHEAST COLUMBUS QUADRANGLE

prepared August 1993

Suffa and Cavell, Inc.
Consulting Engineers - Fairfax, VA



Southeast Quadrangle
Ohio - Franklin Co.
7.5 Minute Series (Topographic)

